| Ref<br># | Hits   | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------|---|---|---------------------|---------|------------------|
| S1       | 13     | ("5563067" "5692516" "5810725" "<br>5981268" "6051422" "6132663" "61<br>32683" "6258229" "6277629" "6297<br>025" "6448089" "6511817" "061551<br>9").PN. | US-PGPUB;<br>USPAT  | OR                  | ON      | 2007/10/02 11:57 |
| S4       | 938    | S3 same ccd   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/10/02 12:32 |
| S3       | 105012 | neural or neuron  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/10/02 12:32 |
| S2       | 8218   | ccd and culture .   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/10/02 12:32 |
| S7       | 18     | S6 same ccd   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/10/02 12:40 |
| S6       | 4548   | neuron near5 (culture or culturing)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/10/02 12:40 |
| S5       | 80     | S4.ab.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/10/02 12:40 |
| S10      | 0      | S8 and S9   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/10/02 21:18 |

| S9  | 405170    | cultur\$                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/02 21:18 |
|-----|-----------|----------------------------------|---|----|------|------------------|
| S8  | 1014      | 257/291.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/02 21:18 |
| S15 | 11674529  | S13 or "7"                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/02 21:28 |
| S14 | 192801    | ccd                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON . | 2007/10/02 21:28 |
| S13 | 1036319   | array                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/02 21:28 |
| S12 | 1241      | 435/288.7.ccls.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/02 21:28 |
| S11 | <b>63</b> | S8 and (plasma near3 deposition) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/02 21:28 |
| S17 | 1167191   | S13 or S14                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/02 21:29 |

| S16 | 321    | S12 and S14                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/02 21:29 |
|-----|--------|---------------------------------|---|----|-----|------------------|
| S19 | 1      | ("4341038").PN.                 | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/10/03 11:51 |
| S18 | 576    | S12 and S17                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/03 11:51 |
| S20 | 21817  | camera near3 surface            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/10 14:34 |
| S23 | 24554  | ccd near5 array                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/10 14:35 |
| S22 | 3      | S20 same S21                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/10 14:35 |
| S21 | 139857 | cell near3 (growth or adhesion) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/10 14:35 |
| S26 | 0      | ("200400219184").PN.            | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/10/10 14:38 |
| S25 | 0      | ("2004000219184").PN.           | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/10/10 14:38 |

| S24 | 3      | S21 same S23  | US-PGPUB;   | OR | ON  | 2007/10/10 14:38  |
|-----|--------|---|---|----|-----|-------------------|
| 92. |        | ·   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              |    |     | 2007/10/10 1 1130 |
| S27 | 1      | ("20040219184").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/10/10 14:46  |
| S28 | 1      | ("20050190286").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/10/10 14:52  |
| S30 | 1      | ("6479301").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/10/10 14:59  |
| S29 | 10     | ("20040159773" "5061049" "521821<br>1" "6867851" "7135686").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/10 14:59  |
| S31 | 1245   | 435/288.7.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/10 15:45  |
| S32 | 814    | beisner-w\$.xp.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/10 15:46  |
| S38 | 399442 | "257"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/10 15:54  |
| S37 | 405769 | cultur\$  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/10 15:54  |

| S36 | 0      | S34 and S35      | US-PGPUB;   | OR | ON   | 2007/10/10 15:54 |
|-----|--------|------------------|---|----|------|------------------|
| 530 | U      | 534 and 535      | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OK | ON . | 2007/10/10 15:54 |
| S35 | 347802 | culture          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/10 15:54 |
| S34 | 190    | 257/258.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/10 15:54 |
| S33 | 72     | S31 and S32      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/10 15:54 |
| S39 | 182    | S37 and S38      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/10 15:55 |
| S41 | 399442 | "257"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/10 21:45 |
| S43 | 2      | S40 same S42     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/10 21:46 |
| S42 | 26306  | sensor adj array | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/10 21:46 |

|     |        |                                      |   |         |    | [                |
|-----|--------|--------------------------------------|---|---------|----|------------------|
| S47 | 50726  | pixel near3 array                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR<br>· | ON | 2007/10/10 21:47 |
| S46 | 167    | S44 and S45                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/10/10 21:47 |
| S45 | 193263 | ccd                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/10/10 21:47 |
| S44 | 1960   | S40 and S41                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/10/10 21:47 |
| S50 | 48     | S47 and S49                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .    | ON | 2007/10/10 21:49 |
| S49 | 1260   | (pattern or patterned) near3 neurons | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/10/10 21:49 |
| S48 | 4      | S40 same S47                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/10/10 21:49 |

| S52 | 44    | ("5293563"   "5378883"   "5459325"   "5552322"   "5552928"   "5556529"   "5556539"   "5556752"   "5578832"   "5593839"   "5599695"   "5631734"   "5633724"   "5672881"   "5710000"   "5733729"   "5744305"   "5753788"   "5770456"   "5770722"   "5831070"   "5834758"   "5837832"   "5843655"   "5856101"   "5856104"   "5856174"   "585619"   "5874219"   "5871628"   "5874219"   "5885837"   "5889165"   "5919523"   "5922591"   "5925525"   "5928905"   "5945334"   "5959098"   "5968740"   "5974164"   "6140653"   "6229635"   "6448088").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON · | 2007/10/10 21:52 |
|-----|-------|--|---|----|------|------------------|
| S51 | 1     | ("6867851").URPN.  | USPAT   | OR | ON   | 2007/10/10 21:52 |
| S55 | 63    | S40 and S54  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/10 21:55 |
| S54 | 6026  | S41 and S53  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/10 21:55 |
| S53 | 71827 | S42 or S47   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/10 21:55 |
| S58 | 9     | S56 same S57   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/10 22:29 |
| S57 | 10222 | culture near3 surface  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/10/10 22:29 |

| S56 | 193263  | ccd  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/10 22:29 |
|-----|---------|--|---|----|----|------------------|
| S59 | 6       | ("3370175"   "4720463"   "5169601"<br>  "5278048"   "5589352").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2007/10/10 22:35 |
| S60 | 9       | ("5702915").URPN.  | USPAT   | OR | ON | 2007/10/10 22:36 |
| L5  | 257819  | protective near3 (layer or film)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 12:30 |
| L4  | 193581  | ccd .  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 12:30 |
| L7  | 601267  | plasma   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 12:31 |
| L6  | 346     | 4 same 5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 12:31 |
| L11 | 1987260 | oxide or nitride   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 12:34 |
| L10 | 601267  | plasma   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 12:34 |

| L9  | 01617  | ontical poar? film       | LIC-DCDLID.   | OR   | ON   | 2007/10/15 12:24 |
|-----|--------|--------------------------|---|------|------|------------------|
| LJ  | 81612  | optical near3 film       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OK . | ON   | 2007/10/15 12:34 |
| L8  | 16     | 6 same 7                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/10/15 12:34 |
| L12 | 2      | 4 same 9 same 10 same 11 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/10/15 12:35 |
| L18 | 28     | 16 and 17                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON   | 2007/10/15 12:36 |
| L17 | 406226 | cultur\$                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON   | 2007/10/15 12:36 |
| L16 | 716    | 4 same 15                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/10/15 12:36 |
| L15 | 281851 | 13 or 14                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON . | 2007/10/15 12:36 |
| L14 | 154998 | silicon adj dioxide      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/10/15 12:36 |

| L13 | 176541 | silicon adj nitride                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 12:36 |
|-----|--------|---|---|----|----|------------------|
| S40 | 13835  | "diamond like carbon"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 13:06 |
| L19 | 13860  | "diamond like carbon"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 13:06 |
| L24 | 20     | ((JAMES) near2 (GALVIN)).INV.           | US-PGPUB;<br>USPAT  | OR | ON | 2007/10/15 13:18 |
| L23 | 1      | ((OTHON) near2 (MONTEIRO)).INV.         | US-PGPUB;<br>USPAT  | OR | ON | 2007/10/15 13:18 |
| L22 | 1      | ((ELEANOR) near2 (BLAKELY)).INV.        | US-PGPUB;<br>USPAT  | OR | ON | 2007/10/15 13:18 |
| L21 | 99     | ((IAN) near2 (BROWN)).INV.              | US-PGPUB;<br>USPAT  | OR | ON | 2007/10/15 13:18 |
| L25 | 1      | ((KATHLEEN) near2 (BJORNSTAD)).<br>INV. | US-PGPUB;<br>USPAT  | OR | ON | 2007/10/15 13:19 |
| L20 | 7      | 19 same cultur\$                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 13:19 |
| L26 |        | 22 or 23 or 24 or 25                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 13:20 |
| L29 | 1      | ((OTHON) near2 (MONTEIRO)).INV.         | EPO; JPO;<br>DERWENT  | OR | ON | 2007/10/15 13:21 |
| L28 | 0      | ((ELEANOR) near2 (BLAKELY)).INV.        | EPO; JPO;<br>DERWENT  | OR | ON | 2007/10/15 13:21 |

| L33 | 9      | 29 or 30 or 31                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 13:22 |
|-----|--------|---|---|----|----|------------------|
| L32 | 63     | ((IAN) near2 (BROWN)).INV.              | EPO; JPO;<br>DERWENT  | OR | ON | 2007/10/15 13:22 |
| L31 | 0      | ((KATHLEEN) near2 (BJORNSTAD)).<br>INV. | EPO; JPO;<br>DERWENT  | OR | ON | 2007/10/15 13:22 |
| L30 | 8      | ((JAMES) near2 (GALVIN)).INV.           | EPO; JPO;<br>DERWENT  | OR | ON | 2007/10/15 13:22 |
| L27 | 94     | 21 not 26                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 13:22 |
| L37 | 62     | 36 and cultur\$                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 13:24 |
| L36 | 227    | 34 and 35                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 13:24 |
| L35 | 193581 | ccd                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 13:24 |
| L34 | 558    | 382/133.ccls.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/15 13:24 |